



## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 101735, 916  
Source: IFWO  
Date Processed by STIC: 10-14-04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER  
VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND  
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>) , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04):  
U.S. Patent and Trademark Office, 220 20<sup>th</sup> Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby,  
Room 1B03, Arlington, VA 22202



IFWO

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/735,916

DATE: 10/14/2004

TIME: 11:22:26

Input Set : A:\PTO.FG.txt

Output Set: N:\CRF4\10142004\J735916.raw

4 <110> APPLICANT: GOETSCH, Liliane  
 5 CORVAIA, Nathalie  
 6 LEGER, Olivier  
 7 DUFLOS, Alain  
 8 BECK, Alain  
 9 HAEUW, Jean-Francois  
 11 <120> TITLE OF INVENTION: NOVEL ANTI-IGF-IR ANTIBODIES AND USES THEREOF  
 13 <130> FILE REFERENCE: 017753-183  
 15 <140> CURRENT APPLICATION NUMBER: US 10/735,916  
 16 <141> CURRENT FILING DATE: 2003-12-16  
 18 <150> PRIOR APPLICATION NUMBER: FR 03/08 538  
 19 <151> PRIOR FILING DATE: 2003-07-11  
 21 <150> PRIOR APPLICATION NUMBER: PCT/FR 03/00 178  
 22 <151> PRIOR FILING DATE: 2003-01-20  
 24 <150> PRIOR APPLICATION NUMBER: FR 02/00 653  
 25 <151> PRIOR FILING DATE: 2002-01-18  
 27 <150> PRIOR APPLICATION NUMBER: FR 02/00 654  
 28 <151> PRIOR FILING DATE: 2002-01-18  
 30 <150> PRIOR APPLICATION NUMBER: FR 02/05 753  
 31 <151> PRIOR FILING DATE: 2002-05-07  
 33 <160> NUMBER OF SEQ ID NOS: 156  
 35 <170> SOFTWARE: PatentIn Ver. 2.1

Does Not Comply  
Corrected Diskette Needed

## ERRORED SEQUENCES

1255 <210> SEQ ID NO: 72  
 1256 <211> LENGTH: 117  
 1257 <212> TYPE: PRT  
 1258 <213> ORGANISM: Homo sapiens  
 1260 <400> SEQUENCE: 72  
 1261 Gln Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Gln  
 1262 1 5 10 15  
 1264 Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Gly Ser Val Ser Ser Tyr  
 1265 20 25 30  
 1267 Trp Ser Trp Asn Trp Ile Arg Gln Pro Pro Gly Lys Gly Leu Glu Trp  
 1268 35 40 45  
 E--> 1270 Ile Gly Arg Ile Tyr Tyr Ser Gly Ser Thr Xaa Tyr Asn Pro Ser Leu  
 1271 50 55 60  
 1273 Lys Ser Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser  
 1274 65 70 75 80  
 1276 Leu Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys  
 1277 85 90 95

explanation for  
 Xaa is  
 mandatory  
 see p 6

## RAW SEQUENCE LISTING

DATE: 10/14/2004

PATENT APPLICATION: US/10/735,916

TIME: 11:22:26

Input Set : A:\PTO.FG.txt

Output Set: N:\CRF4\10142004\J735916.raw

```

1279 Ala Arg Glu Leu Pro Gly Gly Tyr Asp Val Trp Gly Gln Gly Thr Leu
1280           100           105           110
1282 Val Thr Val Ser Ser
1283           115
1423 <210> SEQ ID NO: 77
1424 <211> LENGTH: 135
1425 <212> TYPE: PRT
1426 <213> ORGANISM: Homo sapiens
1428 <400> SEQUENCE: 77
1429 Met Lys Val Leu Ser Leu Leu Tyr Leu Leu Thr Ala Ile Pro Gly Ile
1430   1           5           10           15
1432 Leu Ser Gln Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro
1433           20           25           30
1435 Ser Glu Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Tyr Ser Ile Thr
1436           35           40           45
1438 Gly Gly Tyr Leu Trp Asn Trp Ile Arg Gln Pro Pro Gly Lys Gly Leu
1439           50           55           60
1441 Glu Trp Met Gly Tyr Ile Ser Tyr Asp Gly Thr Asn Asn Tyr Lys Pro
1442   65           70           75           80
1444 Ser Leu Lys Asp Arg Ile Thr Ile Ser Arg Asp Thr Ser Lys Asn Gln
1445           85           90           95
1447 Phe Ser Leu Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr
1448           100           105           110
1450 Tyr Cys Ala Arg Tyr Gly Arg Val Phe Phe Asp Tyr Trp Gly Gln Gly
1451           115           120           125
1453 Thr Leu Val Thr Val Ser Ser
1454   130           135
1554 <210> SEQ ID NO: 81
1555 <211> LENGTH: 135
1556 <212> TYPE: PRT
1557 <213> ORGANISM: Homo sapiens
1559 <400> SEQUENCE: 81
1560 Met Lys Val Leu Ser Leu Leu Tyr Leu Leu Thr Ala Ile Pro Gly Ile
1561   1           5           10           15
1563 Leu Ser Gln Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro
1564           20           25           30
1566 Ser Glu Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Tyr Ser Ile Thr
1567           35           40           45
1569 Gly Gly Tyr Leu Trp Asn Trp Ile Arg Gln Pro Pro Gly Lys Gly Leu
1570           50           55           60
1572 Glu Trp Ile Gly Tyr Ile Ser Tyr Asp Gly Thr Asn Asn Tyr Lys Pro
1573   65           70           75           80
1575 Ser Leu Lys Asp Arg Val Thr Ile Ser Arg Asp Thr Ser Lys Asn Gln
1576           85           90           95
1578 Phe Ser Leu Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr
1579           100           105           110
1581 Tyr Cys Ala Arg Tyr Gly Arg Val Phe Phe Asp Tyr Trp Gly Gln Gly
1582           115           120           125
1584 Thr Leu Val Thr Val Ser Ser

```

130 (of)  
↓  
shows up  
on next  
page.

135  
—

## RAW SEQUENCE LISTING

DATE: 10/14/2004

PATENT APPLICATION: US/10/735,916

TIME: 11:22:26

Input Set : A:\PTO.FG.txt

Output Set: N:\CRF4\10142004\J735916.raw

```

E--> 1585      130
1635 <210> SEQ ID NO: 84
1636 <211> LENGTH: 445
1637 <212> TYPE: DNA
1638 <213> ORGANISM: Homo sapiens
1640 <220> FEATURE:
1641 <221> NAME/KEY: CDS
1642 <222> LOCATION: (22)..(426)
1644 <400> SEQUENCE: 84
1645 gtcagaacgc gtgccgccac c atg aaa gtg ttg agt ctg ttg tac ctc ttg 51
1646                               Met Lys Val Leu Ser Leu Leu Tyr Leu Leu
1647                               1 5 10
1649 aca gcc att cct ggt atc ctg tct cag gtg cag ctt cag gag tgc ggc 99
1650 Thr Ala Ile Pro Gly Ile Leu Ser Gln Val Gln Leu Gln Glu Ser Gly
1651                               15 20 25
1653 cca gga ctg gtg aag cct tgc gag acc ctg tcc ctc acc tgc act gtc 147
1654 Pro Gly Leu Val Lys Pro Ser Glu Thr Leu Ser Leu Thr Cys Thr Val
1655                               30 35 40
1657 tct ggt tac tcc atc agc ggt ggt tat tta tgg aac tgg ata cgg cag 195
E--> 1658 ser gly tyr ser Ile ser gly gly tyr Leu trp asn trp Ile arg gln 45 50 55
E--> 1659
E--> 1661 ccc cca ggg aag gga ctg gag tgg atc ggg tat atc agc tac gac ggt 243
1662 Pro Pro Gly Lys Gly Leu Glu Trp Ile Gly Tyr Ile Ser Tyr Asp Gly
W--> 1663 60 65 70
E--> 1665 acc aat aac tac aaa ccc tcc ctc aag gat cga gtc acc ata tca gtg 291
1666 Thr Asn Asn Tyr Lys Pro Ser Leu Lys Asp Arg Val Thr Ile Ser Val
W--> 1667 75 80 85 90
E--> 1669 gac acg tcc aag aac cag ttc tcc ctg aag ctg agc tct gtg acc gct 339
1670 Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser Val Thr Ala
W--> 1671 95 100 105
E--> 1673 gcg gac act gca gtg tat tac tgt gcg aga tac ggt agg gtc ttc ttt 387
1674 Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Tyr Gly Arg Val Phe Phe
W--> 1675 110 115 120
E--> 1677 gac tac tgg ggc cag gga acc ctg gtc acc gtc tcc tca ggtgagtgga 436
1678 Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
W--> 1679 125 130
E--> 1681 tcctctgcg 445
1684 <210> SEQ ID NO: 85
1685 <211> LENGTH: 135
1686 <212> TYPE: PRT
1687 <213> ORGANISM: Homo sapiens
1689 <400> SEQUENCE: 85
1690 Met Lys Val Leu Ser Leu Leu Tyr Leu Leu Thr Ala Ile Pro Gly Ile
1691 1 5 10 15
1693 Leu Ser Gln Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro
1694 20 25 30
1696 Ser Glu Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Tyr Ser Ile Ser
1697 35 40 45
1699 Gly Gly Tyr Leu Trp Asn Trp Ile Arg Gln Pro Pro Gly Lys Gly Leu

```

## RAW SEQUENCE LISTING

DATE: 10/14/2004

PATENT APPLICATION: US/10/735,916

TIME: 11:22:26

Input Set : A:\PTO.FG.txt

Output Set: N:\CRF4\10142004\J735916.raw

1700	50	55	60
1702	Glu Trp Ile Gly Tyr Ile Ser Tyr Asp Gly Thr Asn Asn Tyr Lys Pro		
1703	65	70	75
1705	Ser Leu Lys Asp Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln		80
1706		85	90
1708	Phe Ser Leu Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr		95
1709		100	105
1711	Tyr Cys Ala Arg Tyr Gly Arg Val Phe Phe Asp Tyr Trp Gly Gln Gly		110
1712		115	120
1714	Thr Leu Val Thr Val Ser Ser		125
E--> 1715	130	135	

VARIABLE LOCATION SUMMARY

PATENT APPLICATION: US/10/735,916

DATE: 10/14/2004

TIME: 11:22:27

Input Set : A:\PTO.FG.txt

Output Set: N:\CRF4\10142004\J735916.raw

Use of n's or Xaa's (NEW RULES):

Use of n's and/or Xaa's have been detected in the Sequence Listing.

Use of <220> to <223> is MANDATORY if n's or Xaa's are present.

in <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

Seq#:60; Xaa Pos. 35,36,39,99

Seq#:72; Xaa Pos. 59

Seq#:84; N Pos. 219,226

## VERIFICATION SUMMARY

DATE: 10/14/2004

PATENT APPLICATION: US/10/735,916

TIME: 11:22:27

Input Set : A:\PTO.FG.txt

Output Set: N:\CRF4\10142004\J735916.raw

L:897 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60 after pos.:32  
M:341 Repeated in SeqNo=60  
L:1270 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:72  
L:1418 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:76  
L:1454 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:77  
L:1549 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:80  
L:1585 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:81  
L:1658 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ ID#:84  
L:1658 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:84 after pos.:195  
L:1658 M:254 E: No. of Bases conflict, LENGTH:Input:45 Counted:243 SEQ:84  
L:1658 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:17  
L:1658 M:112 C: (48) String data converted to lower case,  
M:254 Repeated in SeqNo=84  
L:1663 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:84  
L:1667 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:84  
L:1671 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:84  
L:1675 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:84  
L:1679 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:84  
L:1681 M:252 E: No. of Seq. differs, <211> LENGTH:Input:445 Found:493 SEQ:84  
L:1715 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:85